1038-37-308   **Michal Misiurewicz** and **Rodrigo A Perez***, LD-224R IUPUI, 402 N. Blackford St., Indianapolis, IN 46202. *Real Saddle-Node Bifurcation from the Complex Viewpoint.* Preliminary report.

During a saddle-node bifurcation for real analytic interval maps, a pair of fixed points, attracting and repelling, collide and disappear. From the complex point of view, they do not disappear, but just become complex conjugate. The question is whether those new complex fixed points are attracting or repelling. We prove that this depends on the Schwarzian derivative of the map. If the Schwarzian derivative is positive, both fixed points are attracting, if it is negative, they are repelling. (Received February 12, 2008)